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Prices for Recent Launches and Contract Awards

Launch Vehicle	Payload	Payload Manufacturer	Launch Price	aunch Date
300.101.	Palapa B4	Hughes	\$44 Million	
Delta 2 7925		GE Astro Space	\$75-80 Million	06-92
Atlas 2A	Intelsat K		\$80-100 Million	
Ariane 44L	Eutelsat 2 F4 Insat 2A	Aerospatiale ISRO		07-92
Delta 2 TBA	Satcom C3	GE Astro Space	\$45-50 Million	
Long March 2E	Optus B1	Hughes	\$25.5 Million	
Ariane 44L	Arsene Hispasat 1A Satcom C4	Matra Marconi GE Astro Space	\$74 Million	08-92 08-92
Atlas 1	Galaxy 1R	Hughes	\$60-70 Million	08-92
Delta 2 7925	Kopernikus 3	GESAT	\$42 Million	09-92
Ariane 42P	Galaxy 7	Hughes	\$60-80 Million	10-92
Ariane 42P	Galaxy 4	Hughes	\$60-80 Million	12-92
Ariane 44L	Superbird A2	Space Systems/Loral	\$80-100 Million	12-92
Ariane 4 TBA	Telecom 2C	Matra Marconi/ Alcatel Espace	\$60-80 Million	4Q-92
Long March 2E	Aussat B2	Hughes	\$25.5 Million	4Q-92
Ariane 4 TBA	Astra 1C	Hughes	\$60-80 Million	03-93
Ariane 44L	Eutelsat 2 F5 Insat 2B	Aerospatiale ISRO	\$80-100 Million	03-93
Ariane 44LP	Intelsat 7 F1	Space Systems/Loral	\$80-100 Million	10-9
Ariane 4 TBA	DirecTV 1	Hughes	\$60-80 Million	12-9
Delta 2 7925	NATO 4B	British Aerospace	\$45-50 Million	12-9
Long March 2C	Afristar 1	International Technologies, Inc.	\$16 Million	n 12-9
Ariane 44L	Hispasat 1B	Matra Marconi	\$74 Millio	n 2Q-9
Atlas 2AS	Telstar 401	GE Astro Space	\$100 Millio	n 4Q-9
Ariane 4 TBA	Solidaridad 1	Hughes	\$72 Millio	n 4Q-9

FIICES IUI NECCHI Launches and Contract Awards

	Payload	Payload Manufacturer	11	aunch Date
adiion		Space Systems/Loral	\$100 Million	XX-93
tlas 2AS	Intelsat 7 F2	Space Systems/Loral	\$100 Million	XX-93
tlas 2AS	Intelsat 7 F3		\$45 Million	04-94
riane 4 TBA	Brasilsat B1	.lughes	\$45-50 Million	09-94
Delta 2 TBA	DVS 1	GE Astro Space	\$45 Million	ļ
Ariane 4 TBA	Brasilsat B2	Hughes	\$100 Million	<u> </u>
Atlas 2AS	Intelsat 7 F4	Space Systems/Loral		
Atlas 2A	Inmarsat 3 F1	GE Astro Space	\$75-80 Million	
Ariane 4 TBA	PAS 3	Hughes	\$81 Million	
Ariane 4 TBA	Thaicom 1	Hughes	\$60-80 Million	10-94
	Astra 1D	Hughes	\$60-80 Million	10-94
Ariane 4 TBA		Hughes	\$72 Million	10-94
Ariane 4 TBA		GE Astro Space	\$100 Million	10-94
Atlas 2AS Ariane 4 TBA	Telstar 402 MSAT 1	Hughes/Spar	\$104 Million	10-94
		Hughes	\$60-80 Million	n 2Q-9
Ariane 4 TBA	Measat 1	Hughes	\$81 Million	n 2Q-9
Ariane 4 TBA	PAS 2		\$75-80 Millio	n 2Q-9
Atlas 2A	AMSC 1	Hughes/Spar Aerospace		
	Unicom 1	Fairchild	\$45-50 Millio	n 4Q-9
Delta 2 TBA	Measat 2	Hughes	\$60-80 Millio	n 4Q-9
Ariane 4 TBA		Hughes	\$60-80 Millio	n XX-9
Ariane 4 TBA	Thaicom 2	British Aerospace	\$75-80 Millio	n XX-9
Atlas 2A	Orion Fl		\$60-80 Millio	
Ariane 4 TBA	Turksat 1	Aerospatiale	\$60-80 Millio	
Ariane 4 TBA	Turksat 2	Aerospatiale	\$60-80 Millio	
Ariane TBA	Turksat 3	Aerospatiale		
Ariane TBA	Hispasat 1C	Matra Marconi	\$60-80 Milli	on XX-

Launch prices and price ranges are from government sources, industry references and periodicals.

and Contract Awards

	Payload	Payload Manufacturer	Launch Price	aunch Date
Launch Vehicle	Intelsat 7 F5	Space Systems/Loral	\$100 Million	02-95
Atlas 2AS			\$75-80 Million	03-95
Atlas 2A	Inmarsat 3 F2	GE Astro Space		
Ariane 4 TBA	N-Star A	Space Systems/Loral	\$60-80 Million	
Delta 2 TBA	KoreaSat 1	GE Astro Space	\$45.55 Million	ļ
	Intelsat 7A F6	Space Systems/Loral	\$90-110 Million	09-9
Ariane 44L	KoreaSat 2	GE Astro Space	\$45.55 Million	10-9
Delta 2 TBA		Space Systems/Loral	\$60-80 Million	10-9
Ariane 4 TBA	N-Star B	Spar Aerospace	\$45-50 Million	10-9
Delta 2 TBA	Radarsat 1	Spar Rerospace	\$81 Million	20-9
Ariane 4 TBA	PAS 4	Hughes		
Delta 2 TBA	Palapa C	Hughes	\$45-50 Million	
Delta 2 TBA	Unicom 2	Fairchild	\$45-50 Million	1 4Q-9
	Zohreh 1	Alcatel/Aerospatiale	\$65.5 Million	XX-9
Ariane 4 TBA		British Aerospace	\$75-80 Million	2 XX-9
Atlas 2A ·	Orion F2	Israel Aircraft	\$60-80 Million	n XX-
Ariane 4 TBA	AMOS 1A	Industries		
	Zohreh 2	Alcatel/Aerospatiale	\$65.5 Million	n XX-
Ariane 4 TBA			\$90-110 Millio	n 1Q-
Ariane 44L	Intelsat 7A F7	Space Systems/Loral	\$90-110 Millio	n 10

Launch prices and price ranges are from government sources, industry references and periodicals.